



Alcoa® ULT36x
22.5" x 8.25" Wheel



**ONLY
36 lbs.**

Frequently Asked Questions



www.alcoawheels.com

Frequently Asked Questions

1 Will my brakes get hotter because there is no air going through hand holes?

We know the forged aluminum wheel has a much higher thermal conductivity and it dissipates heat much more rapidly than a steel wheel does. Our design knowledge, our proprietary **Magna Force® alloy** and manufacturing process capabilities enabled us to apply a no-handhole concept, used on other wheels for years, and produce an exciting new wheel for the market.

3 Does ULT36x have the same load capacity as ULT39x, ULA18x and 88's?

Yes. It has a **7400 Lb Load rating**, and weighs 36 lbs. This makes it the lightest and strongest heavy-duty truck wheel on the market.

2 Does the 36 lb. wheel have aero benefits?

The wheel was designed to be lightest 22.5" x 8.25" commercial truck wheel in the world. It saves up to **0.9 gallons of fuel per 1000 miles** when converting from steel to aluminum on all positions.

4 How did you maintain the wheel's strength now that you have reduced it by three pounds?

The wheel was designed for strength. It has undergone rigorous testing in impact tests and field tests, and it meets or exceeds Howmet Wheel Systems and OEMs high standards. We've taken all the learnings and development in wheel design we've made in the past seven decades along with our proprietary manufacturing processes and applied them to develop this design that will support a higher load than our current wheels at a lower weight.

5 Is ULT36x compatible with other 22.5" x 8.25" Alcoa® wheels in dual drive configurations?

Yes. ULT36x uses a 10 x 285.75mm mounting system. The ULT36x can be used as the **inner dual** with ULT39x and ULA18x



6 Can I use the ULT36x in a dual drive configuration?

Yes. Alcoa® wheels sells a valve extension kit to simplify inflation and pressure checks. Shown below.

8 How do I access the valve stem if there are no hand holes?

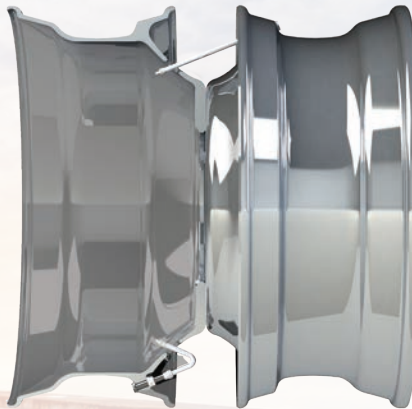
The valve comes straight through the wheel face and does not require access through a hand hole. The valve can **easily be accessed** on the disk face side of the wheel. Valve stem, part number 60MS-00, comes preinstalled with the wheel.

9 Is it going to be difficult to perform pressure checks on this wheel?

No. Thanks to the 180° aligned valve access holes and the valve stabilizer and extension for the inner wheel, it is now much simpler to access the valves for **pressure checks during pre-trip, post-trip, road-side inspections, and tire inflation.** Installing a one-time extension kit will provide lasting benefits in the long haul.

7 Is the ULT36x compatible with steel wheel inners in dual drive configurations?

Alcoa® wheels doesn't recommend *steel inners* with aluminum wheels in dual drive configurations. The ULT36x shouldn't be used with steel wheel inners. **However, the ULT36x may be compatible with additional hardware.**



DUAL WHEEL
CUTAWAY WITH
VALVE EXTENSIONS
and STABILIZERS

WATCH VIDEO TO LEARN
TO INSTALL VALVES AND
EXTENSIONS



10 Do I need a valve extension and stabilizer?

Yes. To access inflation in a dual configuration, the ULT36x **requires valve extensions.** The Alcoa wheels valve extensions come with a valve stabilizer for the access holes. Extensions are not required on steer position. Extensions and stabilizers are sold separately. They can be purchased through our network of distributors, online retailers, or dealers.

MAXIMIZE the Drive.™

**HUB PILOT - 10 BOLT HOLES, 285.75MM BOLT CIRCLE,
220.1MM BORE, 26MM BOLT HOLE DIAMETER**



Size (in)	P/N	Weight (lbs)	Finish Options	SURFACE TREATMENTS				OFFSET		LOAD RATING	Valve Stem
				Dura-Black™	Dura-Bright®	Dura-Flange®	Dura-Bright® Dura-Flange®	Outset (in)	Inset (in)	Max Load (lbs)	
22.5 x 8.25	ULT36x	36	1, 2, 7	BLK	1DB, 2DB			6.60	5.95	7400	06000

Unique Dual Valve System	P/N	Description
Valve Stem Extensions	000460	135 Degree extension
	000470	6" extension
Valve Stem Extension Stabilizer	000480	1" oval stabilizer
Valve Stem Extension Stabilizer Kit	000490	Kit includes 2 x 135 Degree extensions, 2 x 6" extensions and 4 stabilizers for ULT36x dual drive position



**TAKE A LOOK
AT THE COMPLETE
ALCOA® WHEELS
SPEC GUIDE.**

FINISH OPTIONS

- 1 Mirror Polish – steer/outside only
 - 2 Mirror Polish – inside only
 - 3 Mirror Polish – both sides
 - 7 High Polish – both sides as applicable
 - 8 High Polish – both sides as applicable
- Reference data table for offset position

SURFACE TREATMENTS

- DB** Dura-Bright® Surface Treatment
- DF** Dura-Flange® Wear Protection
- DD** Dura-Bright® and Dura-Flange® Wear Protection
- BLK** Dura-Black™ Surface Treatment

^o 0 and 7 finish options are determined by inset or outset mounting positions and may not be finished on both sides. See chart for position and available finish options.



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